Practice Question-3

```
package handson;
class sender{
      public void send(String msg) {
            System.out.println("Sending\n");
            try {
                   Thread. sleep (1000);
            catch (Exception e) {
                   System.out.println("interrupted:");
            System.out.println("Sent:"+msg+"\n");
      }
class Mythread extends Thread{
      private String msg;
      private sender s;
      private Thread t;
      Mythread(String m, sender str){
            msg=m;
            s=str;
      public void run() {
            synchronized(s) {
                   s.send(msg);
}
public class Sync {
      public static void main(String[] args) {
            sender st=new sender();
            Mythread mt=new Mythread("HI", st);
            Mythread mt1=new Mythread("bye",st);
            mt.start();
            mt1.start();
            try {
                   mt.join();
                  mt1.join();
            catch (Exception e) {
                   System.out.println("interrupted:");
            }
      }
}
```

```
□ □ ☑ Threadrunnable.java
                        ☑ Sleepnwait.java ☑ Sync.java ×
        1 package handson;
         3
         4 class sender{
               public void send(String msg) {
         5⊝
         6
                   System.out.println("Sending\n");
         7
                   try {
                       Thread. sleep (1000);
        9
        10
                   catch(Exception e) {
                       System.out.println("interrupted:");
        11
        12
                   System.out.println("Sent:"+msg+"\n");
        13
        14
               }
       15 }
       16 class Mythread extends Thread{
               private String msg;
       18
               private sender s;
       №19
               private Thread t;
        20⊝
               Mythread(String m, sender str) {
        21
                   msg=m;
        22
                   s=str;
        23
       △24⊖
               public void run() {
        25
                   synchronized(s) {
        26
                       s.send(msg);
        27
       🖳 Problems 🏿 @ Javadoc 🖳 Declaration 📮 Console 🗵
       <terminated> Sync [Java Application] C:\Users\Swaroop\.p2\pool\plugins\org.eclipse.justj.openjdl
       Sending
       Sent:HI
       Sending
       Sent:bye
```